

INTERNATIONAL SEARCH REPORT

International Application No

PCT/US 03/00697

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 H04Q7/38

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H04Q

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 00 27158 A (QUALCOMM INC) 11 May 2000 (2000-05-11) page 27, line 5 - line 23 ---	1,2,11, 17
A	EP 0 597 225 A (MOTOROLA INC) 18 May 1994 (1994-05-18) column 14, line 7 - line 43 column 15, line 25 - line 47 ---	1-21
A	EP 0 862 346 A (NOKIA MOBILE PHONES LTD) 2 September 1998 (1998-09-02) page 2, line 22 - line 30 abstract ---	1-21
A	US 5 999 816 A (TIEDEMANN JR EDWARD G ET AL) 7 December 1999 (1999-12-07) abstract -----	1-21



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

* Special categories of cited documents :

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier document but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

"&" document member of the same patent family

Date of the actual completion of the international search

9 May 2003

Date of mailing of the international search report

27 MAY 2003

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

STEFAN HANSSON/JA A

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/US 03/00697

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 0027158	A	11-05-2000	AU 6291499 A	22-05-2000
			BR 9914933 A	17-09-2002
			CA 2350251 A1	11-05-2000
			CN 1338189 T	27-02-2002
			EP 1127474 A1	29-08-2001
			JP 2002534822 T	15-10-2002
			WO 0027158 A1	11-05-2000
			US 2002197992 A1	26-12-2002

EP 0597225	A	18-05-1994	CA 2105710 A1	13-05-1994
			EP 0597225 A1	18-05-1994
			JP 6237209 A	23-08-1994
			US 5452471 A	19-09-1995

EP 0862346	A	02-09-1998	FI 970855 A	29-08-1998
			AU 732488 B2	26-04-2001
			AU 6103298 A	18-09-1998
			CN 1249886 T	05-04-2000
			EP 0862346 A2	02-09-1998
			ES 2162590 A1	16-12-2001
			WO 9838806 A2	03-09-1998
			JP 10257549 A	25-09-1998
			SE 9903029 A	27-08-1999
			US 2001011019 A1	02-08-2001

US 5999816	A	07-12-1999	AU 6329998 A	08-09-1998
			CN 1248380 T	22-03-2000
			EP 0962115 A2	08-12-1999
			JP 2001511986 T	14-08-2001
			TW 421937 B	11-02-2001
			WO 9836607 A2	20-08-1998
			ZA 9801291 A	17-08-1998
